



ATTATCH TO

Sheet 1 of 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.: 109.034US1 Serial No. 09/096,749

Applicant: Shohei Koide

Filing Date: June 12, 1998 Group: 1612

U.S. PATENT DOCUMENTS

**Examiner						Filing Date
Initial	Document Number	Date	Name	Class	Subclass	If Appropriate

FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	s Subclass	Translation Yes No
**Examiner Initial			OTHER DOCU			
MA	Barbas, C.D., et al., "Semisynthetic combinatorial antibody libraries: A chemical solution to the diversity problem", Proc. Natl. Acad. Sci. USA, Vol. 89, pp. 4457-4461, (May 1992)					
LDM	Barbas, C.F., et al., "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 88, pp. 7978-7982, (September 1991)					
TW	Bianchi, E., et al., "High Level Expression and Rational Mutagenesis of a Designed Protein, the Minibody", <u>J. Mol. Bio.</u> , pp. 649-659, (1994)					
IDMO	Bork, P., et al., "Proposed acquisition of an animal protein domain by bacteria", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 89, pp. 8990-8994, (October 1992)					
M	Clarkson, T., et al., "In vitro selection from protein and peptide libraries", <u>Trends Biotechnology</u> , Vol. 12, pp. 173-184, (May 1994)					
TH	Clore, G.M., et al., "Structures of Larger Proteins in Solution: Three-and Four-Dimensional Heteronuclear NMR Spectroscopy", SCIENCE, Vol. 252, pp. 1390-1399, (June 7, 1991)					
dra	Davies, J., et al., "Antibody VH Domains as Small Recognition Units", Bio/Technol., Vol. 13, pp. 475-479, (1995)					
LAN	Dougall, W.C., et al., "Antibody-structure-based design of pharmacological agents", <u>Trends Biotechnol.</u> , Vol. 12, pp. 372-379, (1994)					
1701	Ely, K.R., et al., "Common molecular scaffold for two unrelated RGD molecules", Protein Engineering, Vol. 8, No. 8, pp. 823-827, (1995)					
Rad	Holliger, P., et al., ""Diabodies": Small bivalent and bispecific antibody fragments", Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 6444-6448, (July 1993)					
FOU	Hu, S., et al., "Minibody: A Novel Engineered Anti- Carcinoembryonic Antigen Antibody Fragment (Single-Chain Fv-C _H ³) Which Exhibits Rapid, High-Level Targeting Xenografts", <u>CANCER RESEARCH</u> , Vol. 56, pp. 3055-3061, (July 1, 1996)					
LINGO	Janda, K.D., et al., "Chemical Selection for Catalysis in Combinatorial Antibody Libraries", SCIENCE, Vol. 275, pp. 945-948, (February 14, 1997)					
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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

1945	Korde, S., et al., "Directed Evolution of fibreneedin type III domain to novel ligand binding proteins", Dept. of Biochemistry and Biophysics, University of Rochester Medical Center, Rochester, NY 14642,
A	Lerner, R.A., et al., "Using the Process of Reactive Immunization to Induce catalytic Antibodies with Complex Mechanisms: Aldolases", Acta Chemica Scandinavica, Vol. 50, pp. 672-677, (1996)
UND	Li, B., et al., "Minimization of Polypeptide Hormone", Science, Vol. 270, pp. 1657-1660, (December 8, 1995)
The	Main, A.L., et al., "The Three-dimensional structure of the tenth type III module of fibronectin: an insight into RGD-mediated interactions", Cell, Vol. 71, pp. 671-678, (November 13, 1992)
Who	Martin, F., et al., "The affinity-selection of minibody polypeptide inhibitor of human interleukin-6", EMBO I., Vol. 13, pp. 5303-5309, (1994)
Linah	Martin, M.T., "Commercially valuable catalytic antibodies: the life to come", <u>Drug Discovery Today</u> , Vol. 1, No. 6, pp. 239-247, (June 1996)
MA	Masat, L., et al., "A simpler sort of antibody", Proc. Natl. Acad. Sci. USA, Vol. 91, pp. 893-896, (February 1994)
FW	McConnell, S.J., et al., "Tendamistat as a Scaffold for Conformationally Constrained Phage Peptide Libraries", Journal of Mol. Biol., pp. 460-470, (1995)
The	Pessi, A., et al., "A designed metal-binding protein with a novel fold", NATURE, Vol. 362, pp.367-369, (March 25, 1993)
BL	Rosenblum, J.S., et al., "Synthetic Antibodies", <u>Antibody Engineering</u> , Oxford University Press, Oxford, pp. 89-116, (1995)
M	Suzuki, H., "Recent Advances in Abzyme Studies", <u>I. Biochem.</u> , Vol. 115, pp. 623-628, (1994)
MAD	Thomas, N.R., "Hapten Design for the Generation of Catalytic Antibodies", Applied Biochemistry and Biotechnology, Vol. 47, pp. 345-372, (1994)

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Form 1449*

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FOREIGN PATENT DOCUMENTS

**Examiner Translation
Initial Document Number Date Country Class Subclass Yes | No

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Lee, G., et al., "Strong Inhibition of Fibrinogen Binding to Platelet Receptor $\alpha_{\text{IIb}}\beta_3$ by RGD Sequences Installed Into a Presentation Scaffold", Protein Engineering, 6, 745-754 (1993).

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*Substitute Disclosure Catement Form (PTO-1449)

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